

EDINGER AVENUE

MW-12 MW-13

## EXPLANATION

VE-1 VAPOR EXTRACTION WELL LOCATION

MW-11 GROUNDWATER MONITORING WELL LOCATION  
(installed and monitored for Exxon Mobil Corp.)

SMW-1 GROUNDWATER MONITORING WELL LOCATION

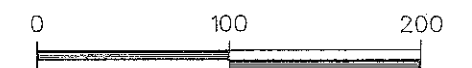
(19.33) With groundwater elevation in feet MSL,  
on March 16 and 17, 2009; \*=groundwater  
elevation not used for contours; NM=not measured

19.00 CONTOUR OF EQUAL GROUNDWATER ELEVATION,  
(in feet MSL on March 16 and 17, 2009)

ESTIMATED GROUNDWATER FLOW DIRECTION

### NOTES:

- 1) All locations and dimensions are approximate.
- 2) Site sketch based on Site Plan by Komex, figure 1, project name Red Carpet Car Wash, dated October 2000. Groundwater monitoring well, and vapor extraction well locations from figure titled Site Plan Showing Sea Level Elevations on Shallow Groundwater (1st Quarter, 1999), figure 2, from The Park Corporation. Building outlines in the vicinity of the property from aerial photo.



APPROXIMATE SCALE IN FEET

FORMER HUNTINGTON CENTER RED CARPET CAR WASH  
16061 BEACH BOULEVARD  
HUNTINGTON BEACH, CALIFORNIA

Client: LEONARD ELBAUM

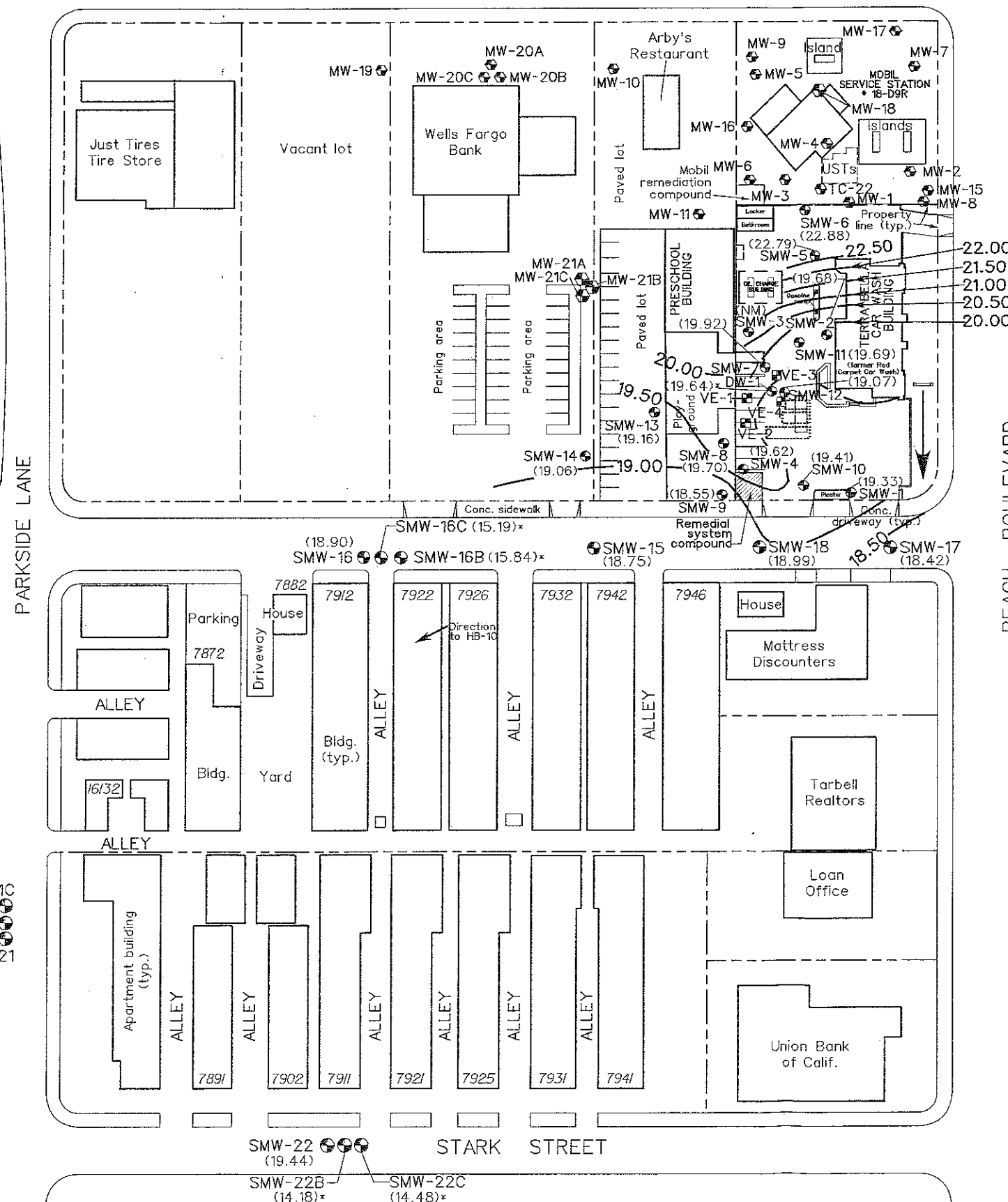
Project No.: 316-02

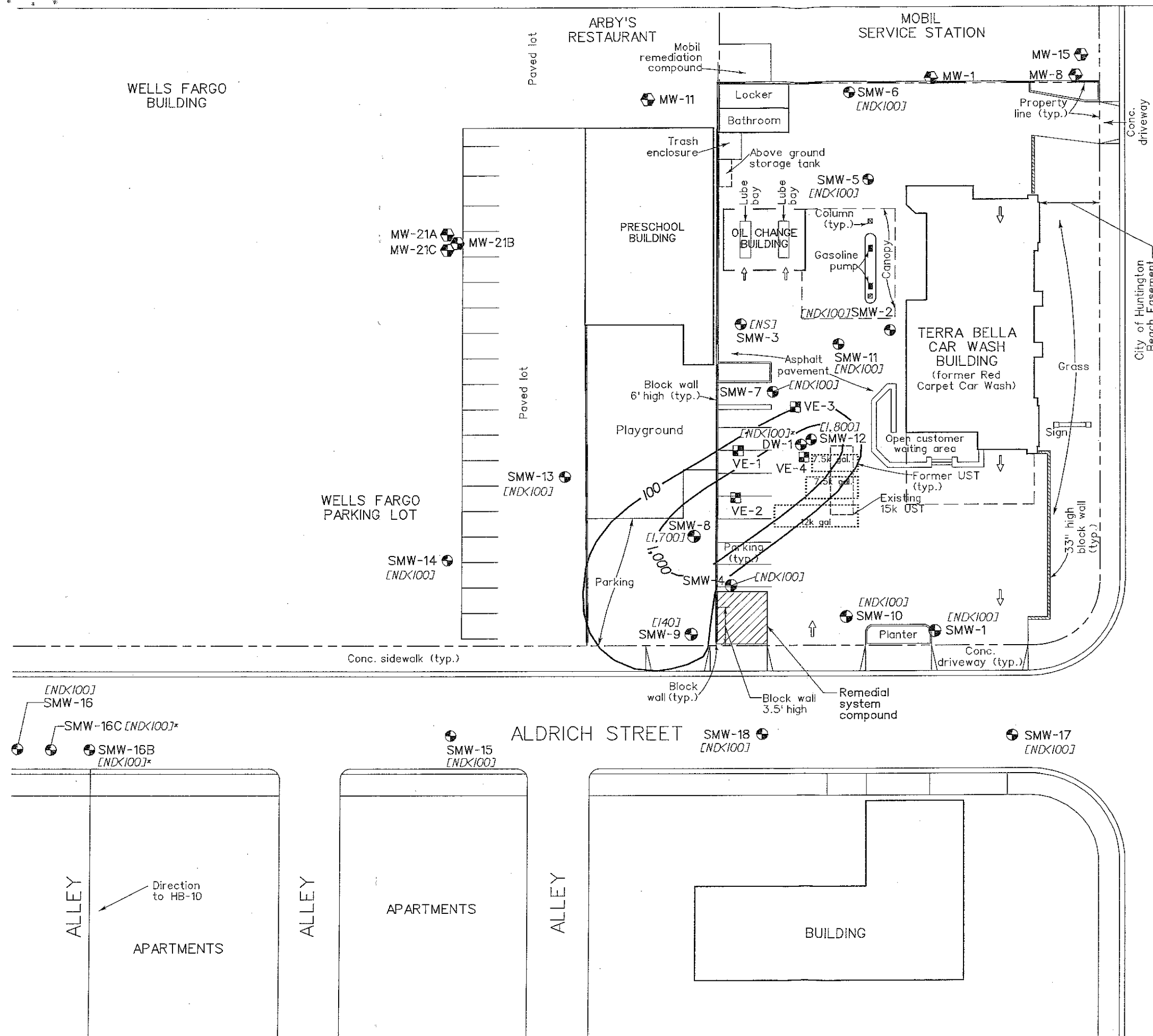
**FREY ENVIRONMENTAL, INC.**

SITE VICINITY SKETCH  
SHOWING GROUNDWATER ELEVATIONS AND  
ESTIMATED GROUNDWATER FLOW DIRECTION  
ON MARCH 16 AND 17, 2009

Date: APRIL 2009

Figure 3A





## EXPLANATION

- VE-1 VAPOR EXTRACTION WELL LOCATION
- MW-11 GROUNDWATER MONITORING WELL LOCATION  
(installed and monitored for Exxon Mobil Corp.)
- SMW-1 GROUNDWATER MONITORING WELL LOCATION  
[1,700] With TPH-G concentration in groundwater  
(in µg/l, on March 16 and 17, 2009; ND=not  
detected above laboratory detection limit;  
NS=not sampled)
- 1,000 — CONTOUR OF EQUAL TPH-G CONCENTRATION IN  
GROUNDWATER (in µg/l, on March 16 and 17,  
2009)

### NOTES:

- 1) All locations and dimensions are approximate.
- 2) Site sketch based on Site Plan by Komex, figure 1,  
project name Red Carpet Car Wash, dated October  
2000. Vapor extraction well locations from figure  
titled Site Plan Showing Sea Level Elevations on  
Shallow Groundwater (1st Quarter, 1999), figure 2,  
from The Park Corporation.  
Groundwater monitoring well locations from  
site survey by Don E. Thomas Land Surveying  
dated 01/07/01.



NORTH

0 40 80

APPROXIMATE SCALE IN FEET

FORMER HUNTINGTON CENTER RED CARPET CAR WASH  
18061 BEACH BOULEVARD  
HUNTINGTON BEACH, CALIFORNIA

Client: LEONARD ELBAUM

Project No.: 316-02

**FREY ENVIRONMENTAL, INC.**

SITE SKETCH SHOWING  
TPH-G CONCENTRATIONS IN GROUNDWATER  
ON MARCH 16 AND 17, 2009

Date: APRIL 2009

Figure 4

EDINGER AVENUE

MW-12 MW-13

## EXPLANATION

- VE-1 VAPOR EXTRACTION WELL LOCATION
- MW-11 GROUNDWATER MONITORING WELL LOCATION  
(installed and monitored for Exxon Mobil Corp.)
- SMW-1 GROUNDWATER MONITORING WELL LOCATION  
[1,700] With TPH-G concentration in groundwater  
(in µg/l, on March 16 and 17, 2009;  
ND=not detected above laboratory detection limit;  
\*=TPH-G concentration not used for contours;  
NS=not sampled)
- 1,000 CONTOUR OF EQUAL TPH-G CONCENTRATION  
(in µg/l, on March 16 and 17, 2009)

### NOTES:

- 1) All locations and dimensions are approximate.
- 2) Site sketch based on Site Plan by Komex, figure 1, project name Red Carpet Car Wash, dated October 2000. Groundwater monitoring well, and vapor extraction well locations from figure titled Site Plan Showing Sea Level Elevations on Shallow Groundwater (1st Quarter, 1999), figure 2, from The Park Corporation. Building outlines in the vicinity of the property from aerial photo.



0 100 200  
APPROXIMATE SCALE IN FEET

FORMER HUNTINGTON CENTER RED CARPET CAR WASH  
16061 BEACH BOULEVARD  
HUNTINGTON BEACH, CALIFORNIA

Client: LEONARD ELBAUM

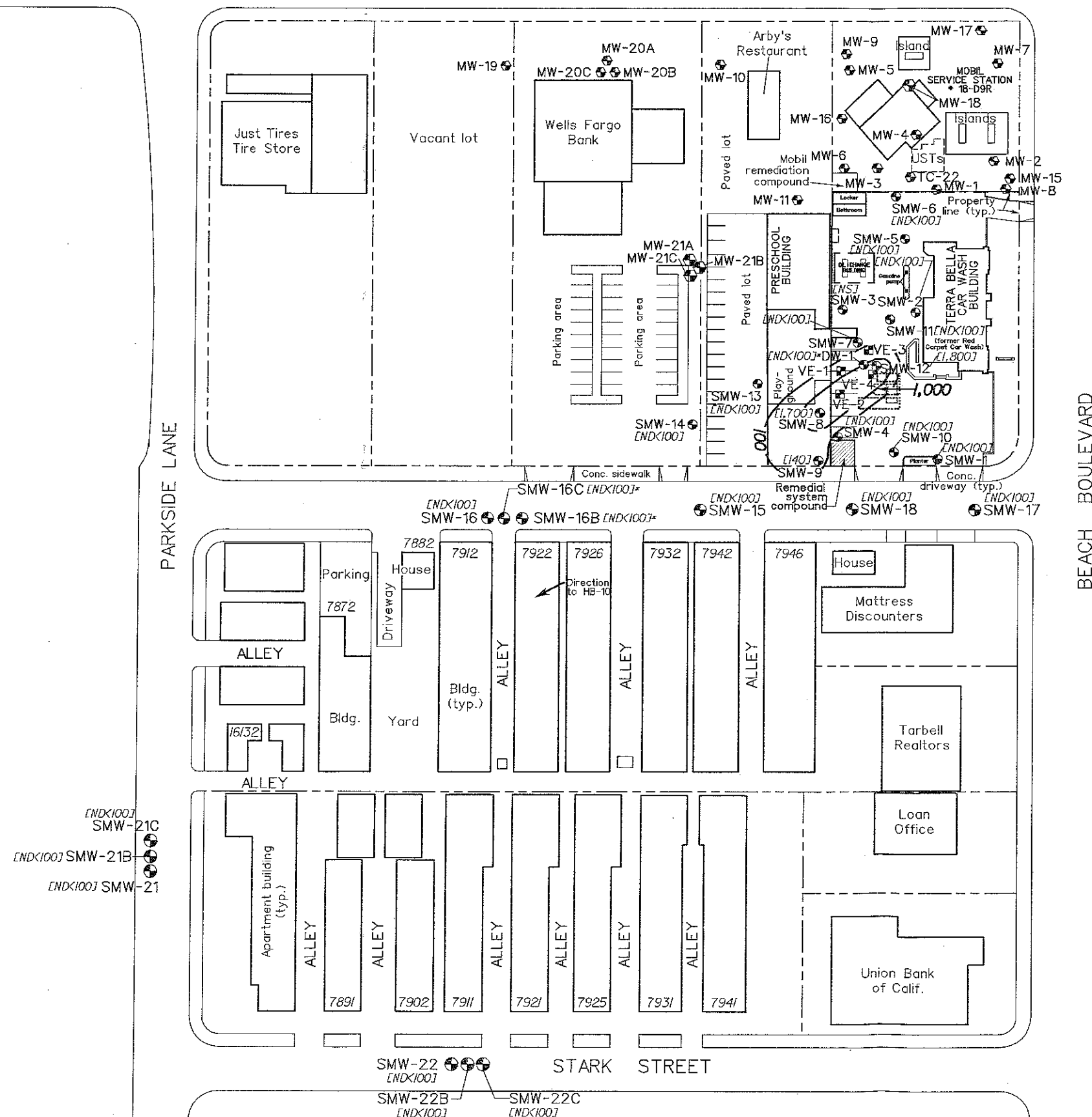
Project No.: 316-02

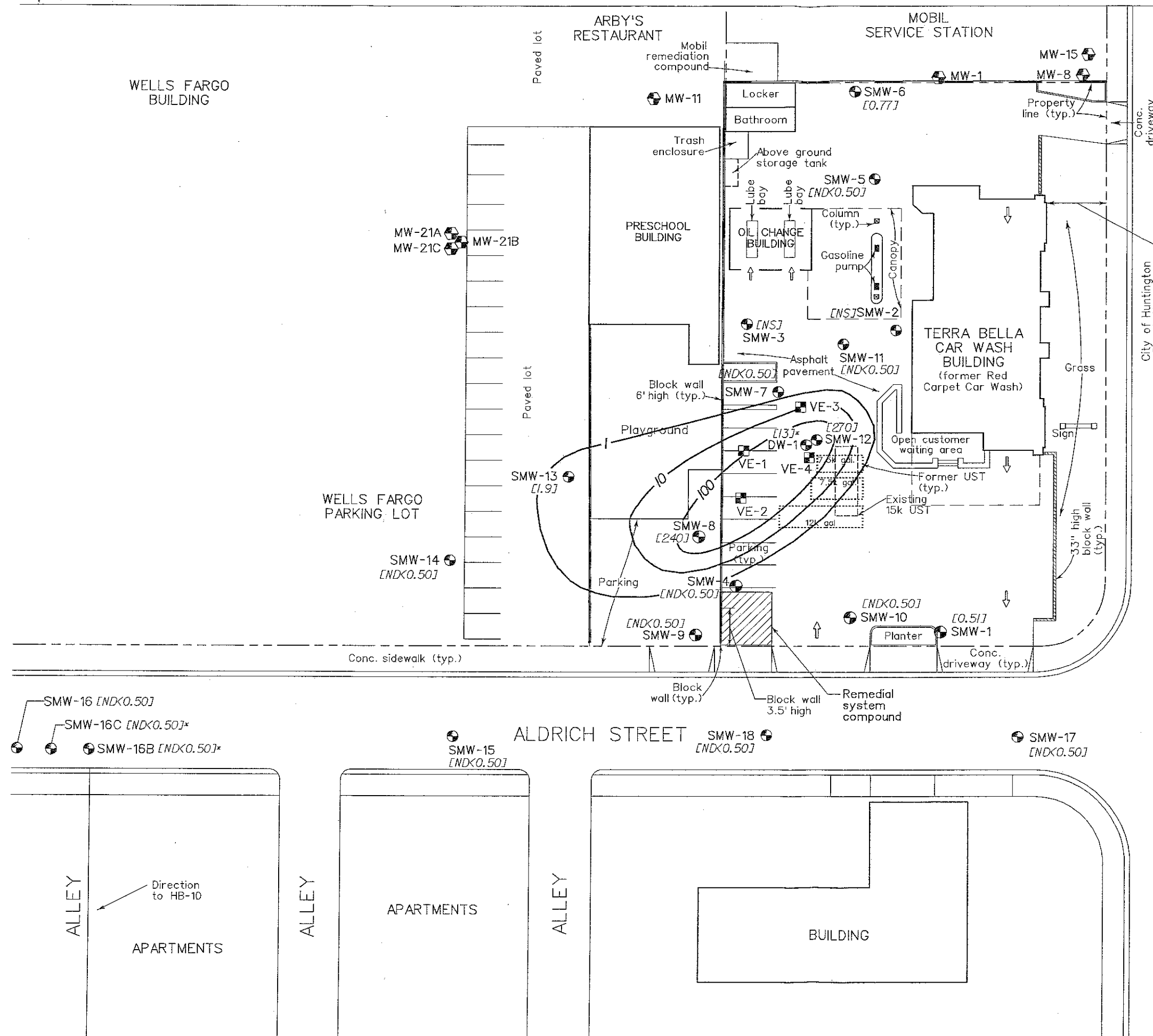
**FREY ENVIRONMENTAL, INC.**

SITE VICINITY SKETCH  
SHOWING TPH-G CONCENTRATIONS  
IN GROUNDWATER  
ON MARCH 16 AND 17, 2009

Date: APRIL 2009

Figure 4A



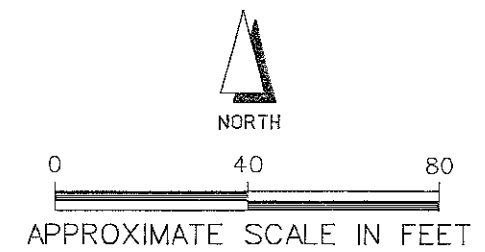


# EXPLANATION

- VE-1 VAPOR EXTRACTION WELL LOCATION
- MW-11 GROUNDWATER MONITORING WELL LOCATION (installed and monitored for Exxon Mobil Corp.)
- SMW-1 GROUNDWATER MONITORING WELL LOCATION [240] With benzene concentration in groundwater (in µg/l, on March 16 and 17, 2009; ND=not detected above laboratory detection limit; \*=benzene concentration not used for contours; NS=not sampled)
- 100 CONTOUR OF EQUAL BENZENE CONCENTRATION IN GROUNDWATER (in µg/l, on March 16 and 17, 2009)

## NOTES:

- All locations and dimensions are approximate.
- Site sketch based on Site Plan by Komex, figure 1, project name Red Carpet Car Wash, dated October 2000. Vapor extraction well locations from figure titled Site Plan Showing Sea Level Elevations on Shallow Groundwater (1st Quarter, 1999), figure 2, from The Park Corporation. Groundwater monitoring well locations from site survey by Don E. Thomas Land Surveying dated 01/07/01.



FORMER HUNTINGTON CENTER RED CARPET CAR WASH  
16061 BEACH BOULEVARD  
HUNTINGTON BEACH, CALIFORNIA

Client: LEONARD ELBAUM Project No.: 316-02

**FREY ENVIRONMENTAL, INC.**

SITE SKETCH SHOWING  
BENZENE CONCENTRATIONS IN GROUNDWATER  
ON MARCH 16 AND 17, 2009

Date: APRIL 2009

Figure 5

NATIONAL RESPONSE CENTER 1-800-424-8802

\*\*\* For Public Use \*\*\*

Information released to a third party shall comply with any  
applicable federal and/or state Freedom of Information and Privacy Laws

Incident Report # 202476

INCIDENT DESCRIPTION

\*Report taken at 13:50 on 12-OCT-93

Incident Type: FIXED

Incident Cause: EQUIPMENT FAILURE

Affected Area:

The incident occurred on 12-OCT-93 at 08:30 local time.

Affected Medium: LAND SOIL//AREA UNKNOWN

SUSPECTED RESPONSIBLE PARTY

Organization: UNOCAL CORP  
DEL MAR, CA 92014

Type of Organization: PRIVATE ENTERPRISE

INCIDENT LOCATION

9525 WARNER AVE County: ORANGE  
City: FOUNTAIN VALLEY State: CA

RELEASED MATERIAL(S)

CHRIS Code: GAT Official Material Name: GASOLINE: AUTOMOTIVE (4.23G PB/G

Also Known As:

Qty Released: 0 UNKNOWN AMOUNT Qty in Water: 0 UNKNOWN AMOUNT

DESCRIPTION OF INCIDENT

SOIL AROUND FUEL TANKS WAS FOUND TO BE POSITIVE WHILE TESTING

INCIDENT DETAILS

Package: N/A  
Building ID:  
Type of Fixed Object: UNKNOWN  
Power Generating Facility: UNKNOWN  
Generating Capacity:  
Type of Fuel:  
NPDES:  
NPDES Compliance: UNKNOWN

DAMAGES

Fire Involved: NO Fire Extinguished:  
INJURIES: UNKN Hospitalized: Empl/Crew: Passenger:  
FATALITIES: UNKN Empl/Crew: Passenger: Occupant:  
EVACUATIONS: NO Who Evacuated: Radius/Area:  
Damages: NO

<u>Closure Type</u>	<u>Description of Closure</u>	<u>Length of Closure</u>	<u>Direction of Closure</u>
Air:			
Road:			Major Artery:
Waterway:			
Track:			
Passengers Transferred: UNKNOWN			
Environmental Impact: UNKNOWN			
Media Interest: Community Impact due to Material:			

REMEDIAL ACTIONS

NONE  
Release Secured:

Release Rate:  
Estimated Release Duration:

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WEATHER

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ADDITIONAL AGENCIES NOTIFIED

Federal:  
State/Local:  
State/Local On Scene:  
State Agency Number:

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NOTIFICATIONS BY NRC

U.S. EPA IX (PRIMARY)  
12-OCT-93 13:55

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ADDITIONAL INFORMATION

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\*\*\* END INCIDENT REPORT # 202476 \*\*\*

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STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

## DIVISION OF OIL AND GAS

P. 002  
DEC 20 1956  
LOS ANGELES, CALIFORNIA

## Notice of Intention to Drill New Well

This notice and surety bond must be filed before drilling begins

PROSPECT WELL

059-01136

E

Long Beach, Calif. December 18, 1956

## DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence the work of drilling well No. "Lewis" 1, Sec. 14, T. 5 S.,

R. 11 W., S.B.B. & M. Westminster Area Field, Orange County.Legal description of lease SE  $\frac{1}{4}$  of NW  $\frac{1}{4}$  & NE  $\frac{1}{4}$  of SW  $\frac{1}{4}$  (84 acres  $\pm$ )  
(Attach map or plat to scale)of Sec. 14\*  
Kazarian  
To  
From  
12/20/56Location of Well: \_\_\_\_\_ feet \_\_\_\_\_ property  
(Direction) along section line and \_\_\_\_\_ feet \_\_\_\_\_ property  
(Direction)

at right angles to said line from the \_\_\_\_\_ corner of section

2915' N'ly along the center line of Golden West St. from the center line of Smeltzer Ave., thence 1912' E'ly at 90° thereto, said intersection of center lines of Golden West St. and Smeltzer Ave. being the SW corner Sec. 14, T. 5 S., R. 11 W.

Elevation of ground above sea level 30  $\pm$  feet U.S.C.S. datum.All depth measurements taken from top of Derrick floor which is 10+ feet above ground.  
(Derrick Floor, Rotary Table or Kelly Bushing)

## PROPOSED CASING PROGRAM

SIZE OF CASING INCHES A.P.I.	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTHS
10-3/4"	32.75	H-40	Surface	1000	1000'
7"	23.26	J & N	"	10000'	9000'

Intended zone or zones of completion: 9000-10,000'

MAP	MAP BOOK	CLAS	BOOK	FORMS
				114 121
72A	44	EB	Blanket	EB EB

It is understood that if changes in this plan become necessary we are to notify you before running casing.

Address 2080 Obispo Avenue  
Long Beach 4, California  
Telephone Number ERmlock 8-1151

Shell Oil Company

(Name of Operator)

By R. O. Brown

SEND ONE COPY OF NOTICE TO DIVISION OFFICE IN DISTRICT WHERE WELL IS LOCATED

STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS  
RECEIVED

FEB 7 1957

LOS ANGELES, CALIFORNIA

Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin; one copy only

Long Beach, Calif. February 6, 1957

DIVISION OF OIL AND GAS

In compliance with Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon  
Well No. Lewis 1, Sec. 14, T. 5 S.,  
R. 11 W., S.B. B. & M., Westminster Area, Orange County,  
commencing work on \_\_\_\_\_ 19\_\_\_\_

THE PRESENT CONDITION OF THE WELL IS:

1. Total Depth: 10,010' \* Pile ram to 988'  
2/7/57
2. Complete casing record, including plugs:

10-3/4", 32.75# E.W., H-40 cmtd. 1008'  
w/ 800 sacks.

ADDITIONAL DATA FOR DRY HOLE

4. Oil or Gas showings and results of tests:

None

5. Stratigraphic markers and depths:

3. Last Produced \_\_\_\_\_  
(Date) (Oil, B/D) (Water, B/D)

6. Geologic age at bottom: Miocene

7. Base of fresh water sands: 3500+

THE PROPOSED WORK IS

1. 100' \* Cement plug at base of fresh waters, to be witnessed by D.O.G.
2. Cement plug across shoe of surface pipe. from 1028' to 988'.
3. 10' \* Cement plug at surface, to be witnessed by D.O.G.

Note: Discussed with Mr. Frame 2-1-57.

WRAP	SEAL	STAMP	FORMS
			114 121

2080 Obispo Ave., Long Beach 4, Cal.

(Address)

HEmlock 8-1151

(Telephone No.)

SHELL OIL COMPANY

(Name of Operator)

By

Address ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED



STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

## DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS  
RECEIVED

SEP 12 1955

LOS ANGELES, CALIFORNIA

## Notice of Intention to Drill New Well

This notice and surety bond must be filed before drilling begins

Los Angeles, Calif. September 8, 1955

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given, that we  
our intention to commence the work of drilling well No. "Strader" 75-24, Sec. 24, T. 5S

R. 11W, S.B.B. &amp; M., Field, Orange County.

Legal description of lease N/2 & SW/4 of NE/4 of SE/4 of Section 24, 5S/11W  
(Attach map or plat to scale)

(Mineral rights)

# Koch to Frame

30 S., 990 W. from E 1/4 Cor. Sec. 24

Location of Well: feet property along section line and feet property  
(Direction) (Direction)

at right angles to said line from the corner of section

330'S of C/L Heil Ave. and 990'W of C/L Cannery St. + Heil Ave.

Section 24, 5S/11 W

Elevation of ground above sea level 30.1 feet USGS datum.

All depth measurements taken from top of Kelly bushing which is ? feet above ground.  
(Derrick Floor, Rotary Table or Kelly Bushing)

## PROPOSED CASING PROGRAM

SIZE OF CASING INCHES A.P.I.	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTHS
10-3/4	32.75	H-40	Surf.	600	600

Intended zone or zones of completion:

Please designate well as PROSPECT. Estimated T.D. 9000'

It is understood that if changes in this plan become necessary we are to notify you before running casing.

Address Box 66, Torrance, Calif.

THE SUPERIOR OIL COMPANY

(Name of Operator)

Telephone Number Davenport 6-2523

By

John G. Lew

JGL/jm cc:DEK,LSR,JBN,SCOTT 6-2524

SEND ONE COPY OF NOTICE TO DIVISION OFFICE IN DISTRICT WHERE WELL IS LOCATED

STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES  
**DIVISION OF OIL AND GAS**

DIVISION OF OIL AND GAS  
RECEIVED

OCT 24 1955

LOS ANGELES, CALIF. OFFICE

**Notice of Intention to Abandon Well**

This notice must be given at least five days before work is to begin; one copy only

Bakersfield, Calif. October 20, 1955

DIVISION OF OIL AND GAS

In compliance with Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon  
Well No. Strader 75-24, Sec. 24, T. 5S,  
R. 11W, S.B. B. & M., Field, Orange County,  
commencing work on immediately 1955.

THE PRESENT CONDITION OF THE WELL IS:

1. Total Depth: 9077
2. Complete casing record, including plugs:  
10-3/4" - 32.75#, H-40, ST&C cmtd.  
@ 1025' w/325 sx. cmt. plus 325  
cuft. Sealite and 13 sx. gel.

ADDITIONAL DATA FOR DRY HOLE

4. Oil or Gas showings and results of tests:

None

5. Stratigraphic markers and depths:

3. Last Produced \_\_\_\_\_  
(Date) (Oil, B/D) (Water, B/D)

6. Geologic age at bottom: Miocene

7. Base of fresh water sands: 3370'?

THE PROPOSED WORK IS

1. Place 100 sx. cmt. plug w/D.P. hanging @ 3380'
2. Locate top and hardness, to be witnessed by D.O.G.
3. Place 100 sx. cmt. plug w/D.P. hanging @ 1045'.
4. Place 10' cmt. plug in top of surface, to be witnessed by D.O.G. before welding on plate.

MAP	MAP BOOK	CARD	BOND	FORMS
				114 121
		<i>EB</i>	<i>Blank</i>	<i>EB</i>

P. O. Box 1031

(Address)

FAirview 5-0771

(Telephone No.)

THE SUPERIOR OIL COMPANY

By \_\_\_\_\_

FORM 105.  
CALIFORNIA STATE PRINTING OFFICESTATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

## DIVISION OF OIL AND GAS

JUL 15 1946

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

MORTON AND SONS

Long Beach Calif. July 10 1946

DIVISION OF OIL AND GAS

Los Angeles Calif.

"CREW COMMUNITY" #1

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Crew Community" #1, Sec. 32, T. 5S, R. 10W, S.B. B. &amp; M., (Talbert Area.)

Field, Orange County.

Lease consists of NE  $\frac{1}{2}$  of NW  $\frac{1}{2}$  Sec. 32, T. 5S, R. 10W, S.B. B. & M.The well is 330 feet N. of S. and 330 feet E. of W. from the SE corner of the NE  $\frac{1}{2}$  of the N.W.  $\frac{1}{4}$  Sec. 32.  
(Give location in distance from section corners or other corners of legal subdivision)The elevation of the ~~surface~~ floor above sea level is 12 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 3500 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

Size of Casing, Inches	Weight, Lb. Per Foot	Grade and Type	Depth	Landed or Cemented
13" 3/8"	68	Second Hand Seamless	700 ft.	Cemented
Additional Casing will be determined from results obtained while drilling.				

Please designate this well as a prospect well.

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 1241 E. Burnett St.  
Long Beach, Calif.

A.W. Lyddon, Operator

(Name of Operator)

Telephone number 48-509

By *W. A. Morton*

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

Please send all copies of notices direct to operator.

MAP	MAP BOOK	CARDS	BOND	FORMS
				114 121
Sp. 72A Vidcot JLW	7-15-46 JLW	END END	7-10-46	END END

990 S 330 W fr N 1/4 Cor

FORM 108, 61558 B-38 5M.  
CALIFORNIA STATE PRINTING OFFICESTATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

VISION OF OIL AND GAS

RECEIVED

OCT 29 1946

LOS ANGELES, CALIFORNIA

## DIVISION OF OIL AND GAS

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin

Long Beach

Calif.

28 Oct

19 46

DIVISION OF OIL AND GAS

Long Beach

Calif.

In compliance with Section 16, Chapter 718, Statutes of 1915, as amended, notice is hereby given

that it is our intention to abandon well No. Crew Community #1Sec. 32, T. 5S., R. 10 W., S.B. B. & M. XXX Field,OrangeCounty, commencing work on the 28 Oct

day

of October 19 46

The present condition of the well is as follows:

Bottom hole drilled to 9759'. Plugged from 8880' to 8680' with 97 1/3 sacks cement. 13 3/8" Surface string cemented at 692'. 7" 23# casing cemented at 7900'. 815' slotted 5 1/2" 23# liners set from 7865' to 8680'. 80# mud spotted from 8680' to 7819'. Cement plug from 7675' to 7819'. Heavy mud spotted from 7413' to 7675'. Cement plug from 7355' to 7413'. 7" ~~casing~~ is gun perforated at the following points: 4 holes 7887'; 7405' 4 holes; 7220' to 7230' 20 holes; 6912' 4 holes; 6910' 4 holes. formation tests show water entering at 7220' to 7230'.

The proposed work is as follows:

- 1) pump in cement plug from 7200' to 7355'.
- 2) Test plug with bailer.
- 3) Bolt steel plate to landing base at surface.

MAP	MAP BOOK	CARDS	BOND	FORMS	
				114	181
		ENS	7-10-46	Eng	Eng

A. W. Lyddon, Operator

(Name of Operator)

By C. W. Morton

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 105,  
CALIFORNIA STATE PRINTING OFFICESTATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

## DIVISION OF OIL AND GAS

059-01039  
DIVISION OF OIL & GAS  
RECEIVED

JAN 29 1945

LOS ANGELES, CALIFORNIA

## Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

Clearwater

Calif.

January 19,

19 45

DIVISION OF OIL AND GAS

Los Angeles

Calif.

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "Miles" 1, Sec. 14, T. 5-S.

R. 11-W, S.B. B. & M., Westminster Area Field, Orange County.

Lease consists of S<sup>1</sup>/<sub>4</sub> S<sup>1</sup>/<sub>4</sub> of Sec. 14

The well is 330 feet N. or E. and 330 feet E. or W. from SE corner of Section  
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the ~~section floor~~ ground above sea level is 25 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about — feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

Size of Casing, Inches	Weight, Lb. Per Foot	Grade and Type	Depth	Landed or Cemented
11 3/4	40.25	H - 40	200	Cemented
7	24.00	H - 40	Top of Oil Zone	"

Please designate this a "Prospect Well"

Well is to be drilled with rotary tools.  
~~cable~~

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address Box 168

W. G. KRIEGER

(Name of Operator)

Telephone number Nevada 61246

By

Engineer

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED			
MAP	MAP	CARDS	BOND
Topo 72-A	72-A		
G.M.L.	C.W.L.		120407
1/29/45	1/29/45		

FORM 108, 20152 12-43 7500  
CALIFORNIA STATE PRINTING OFFICESTATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES

## DIVISION OF OIL AND GAS

RECEIVED  
FEB 9 1945  
LOS ANGELES, CALIF.

## Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin

Clearwater Calif. February 8 1945

DIVISION OF OIL AND GAS

Los Angeles Calif.

In compliance with Secs. 3228, 3229, 3230, 3231 and 3232, Ch. 93, Stat. 1939, notice is hereby given

that it is our intention to abandon well No. "Miles" 1

Sec. 14, T. 5 S., R. 11 W., S. B. B. &amp; M. XXX Field,

Orange County, commencing work on the 8th day  
of February 1945

The present condition of the well is as follows:

1. Complete casing record.

12-3/4" cem. 206';

T. D. 2981';

No oil or gas sands encountered

2. Last produced.

Date

Net oil

Gravity

Cut

The proposed work is as follows:

1. Place 50 sacks of cement at 1,000'.
2. " " " " " " 226'.
3. Feel for top of cement.
4. Convert into water well.

Abandon

MAP	MAP BOOK	CARDS	BOND	FORMS	
				114	121
		625	120007	625	625

W. G. KRIEGER

(Name of Operator)

By

Engineer

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 105

DIVISION OF OIL AND GAS  
RECEIVED

SEP 11 1968

INGLEWOOD, CALIFORNIA

RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF CONSERVATION

## DIVISION OF OIL AND GAS

## Notice of Intention to Drill New Well

This notice and surety bond must be filed before drilling begins

SEP 10 1968  
SANTA PAULA, CALIFORNIA

Ventura,

Calif.

September 6,

19 68

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence drilling well No. "Hoeptner 1" (059-20233), Sec. 30, T. 5S,

R. 10W, S.B. B. & M., (Wildcat) ~~RRR~~, Orange County.

Legal description of mineral-right lease, consisting of 24.71 acres, is as follows: See attached.  
(Attach map or plat to scale)

Do mineral and surface leases coincide? Yes \_\_\_\_\_ No X If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: 200 feet West along ~~property~~ section line and 434.77 feet South  
(Direction) (Direction)

at right angles to said line from the Northeast corner of ~~section~~ the

Northeast 1/4 of the Northwest 1/4 of Section 30, T.5S, R.10W.

Elevation of ground above sea level 30 feet \_\_\_\_\_ datum.

All depth measurements taken from top of Derrick Floor which is 10+ feet above ground.  
(Derrick Floor, Rotary Table or Kelly Bushing)

## PROPOSED CASING PROGRAM

SIZE OF CASING INCHES A.P.I.	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTHS
9-5/8"	36.0#	J-55, STC, New	Surface	1600'	Surface to 1600'.

Intended zone(s)

of completion: Corehole, no completion intended

(Name)

Estimated total depth 13,000'

(Depth top and bottom)

BOOK

CARDS

BOND

FORMS

114 121

w1-3 9-11-68

ARG

B

ARG

ARG

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address P.O. Box 691, 196 South Fir StreetVentura, California 93001Telephone Number 648-2751Shell Oil Company

(Name of Operator)

By E. R. VajnarFor: F. B. MitchellType of Organization Corporation

(Corporation, Partnership, Individual, etc.)

STATE OF CALIFORNIA  
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS  
RECEIVED

DIVISION OF OIL AND GAS

NOV 20 1968

Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin; one copy to be filed with the Division of Oil and Gas, State of California, in the county where the well is located.

Ventura Calif. November 18, 1968

DIVISION OF OIL AND GAS

In compliance with Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon

Well No. "Hoeptner" 1 (059-20233), Sec. 30, T. 5 S.,

R. 10 W., S.B. B. & M., Wildcat Field, Orange County,

commencing work on November 16, 1968

THE PRESENT CONDITION OF THE WELL IS:

1. Total Depth: 10,327'
2. Complete casing record, including plugs:  
9-5/8" cemented at 1603'

3. Last Produced NA  
(Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

THE PROPOSED WORK IS

Spot cement plug from 2,900' back to 2,600'. Spot cement plug from 1500-1700' across shoe of surface casing. Spot cement plug from 100 feet to surface inside 9-5/8" casing.

ADDITIONAL DATA FOR DRY HOLE

4. Oil or Gas showings and results of tests:

Confidential

5. Stratigraphic markers and depths:

Confidential

6. Formation at bottom: Confidential

7. Base of fresh water sands: 2805'

Abandon

MAP	MAP	CARDS	BOND	FORMS
		ARG	B	114 121
				ARG ARG

P.O. Box 691, Ventura, California  
(Address)  
648-2751  
(Telephone No.)

Shell Oil Company  
(Name of Operator)

By F. K. Mitchell  
for F. K. Mitchell

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED



APPENDIX E  
ISA CHECKLIST

## Initial Site Assessment (ISA) Checklist

### Project Information

Districts 12 & 7 County Orange & Los Angeles Route I-405 Post Mile 10.3 to 24.1 EA  
0H100K

Description ISA for I405 Improvement Project on Route I-405 between SR-73 and I-605

Is the project on the HW Study Minimal-Risk Projects List (HW1)?

Project Manager Reza Aurasteh (Caltrans) phone # 949-756-7649

Project Engineer Jason Majzoub (Parsons) phone # (949) 333-4513

### Project Screening

Attach the project location map to this checklist to show location of all known and/or potential HW sites identified.

1. Project Features: New R/W? Yes Excavation? Yes Railroad Involvement? Yes  
Structure demolition/modification? Not known Subsurface utility relocation? Not known
2. Project Setting Residential, Commercial, Light Industrial  
Rural or Urban Urban  
Current land uses I-405 Freeway  
Adjacent land uses Residential, Commercial, Light Industrial  
(industrial, light industry, commercial, agricultural, residential, etc.)
3. Check federal, State, and local environmental and health regulatory agency records as necessary, to see if any known hazardous waste site is in or near the project area. If a known site is identified, show its location on the attached map and attach additional sheets, as needed, to provide pertinent information for the proposed project. Review of the agency files shows 27 LUST sites, 2 DOD, 1 ERNS site and 2 Dry cleaning sites to be a potential REC to the Site's groundwater and 1 ERNS site to be a potential REC to the soil.
4. Conduct Field Inspection. Date 12/22-23/2009 Use the attached map to locate potential or known HW sites. See Figure 7-1 to 7-22 of the ISA report.

#### STORAGE STRUCTURES / PIPELINES:

Underground tanks Not known Surface tanks Not known

Sumps Not known Ponds Not known

Drums No Basins Detention Basin ~SB~PM 15.90

Transformers Yes, behind soundwalls within a residential areas Landfill No

Other \_\_\_\_\_

## Initial Site Assessment (ISA) Checklist

(continued)

CONTAMINATION: (spills, leaks, illegal dumping, etc.)

Surface staining None Oil sheen None

Odors No Vegetation damage Yes, dead trees at few locations NB and SB\_\_

Other Pile of ~10 cy of dumped at Newland Street UC near SB abutment.  
\_\_\_\_\_

HAZARDOUS MATERIALS: (asbestos, lead, etc.)

Buildings No Spray-on fireproofing Not known

Pipe wrap Not known Friable tile No

Acoustical plaster No Serpentine No

Paint Lead Based Paint-Freeway Striping Other ACM and LBP in bridges to be demolished

5. Additional record search, as necessary, of subsequent land uses that could have resulted in a hazardous waste site. Use the attached map to show the location of potential hazardous waste sites.

6. Other comments and/or observations: The site was used as agricultural fields in the past and is currently used as high traffic Freeway. ADL and pesticide contamination should be evaluated.

### ISA Determination

Does the project have potential hazardous waste involvement? Yes If there is known or potential hazardous waste involvement, is additional ISA work needed before task orders can be prepared for the Investigation? Yes If "YES," explain; then give an estimate of additional time required:

Groundwater impact from 19 LUST sites, 1 SLIC site, 2 DOD sites and 2 dry cleaner locations. Soil impact from a diesel spill at I-405 NB south of I-605 connector and one 10 cy soil pile at Newland Street UC. Soil impact from ADL. Freeway striping LBP content should be verified. Bridges to be demolished to be tested for ACM and LBP. Site-specific review of the full take and REC ROW acquisition parcels.

A brief memo should be prepared to transmit the ISA conclusions to the Project Manager and Project Engineer.

**ISA Conducted by Vesna Glisic Petrilla**  
**Date 01/28/2011**

APPENDIX F  
RESUME OF ENVIRONMENTAL PROFESSIONAL

## Opjit S. Ghuman, P.E., Senior Civil Engineer

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### *EXPERIENCE SUMMARY*

#### *Professional Registration*

Registered Civil Engineer,  
California R.C.E.

Geotechnical Engineer,  
California G.E.

#### *Education*

M.S. Civil Engineering,  
University of California,  
Berkeley

B.Tech Civil Engg., Indian  
Institute of Technology, New  
Delhi

Mr. Ghuman has directed or managed waste management projects involving assessment, characterization, and remediation of chemical contamination of soil and/or groundwater for over 25 years. His special expertise developed as a result of this experience includes the management of wastes generated from oil field operations, data collection for site characterization, and protocols for responding to RCRA and CERCLA assessments.

Mr. Ghuman has completed over 50 projects that comply with the CALTRANS guidance documents for environmental site assessments including those for the Initial Site Assessment (ISA) in Appendix DD of the Project Development Procedures Manual. These assignments have been completed in Caltrans Districts 7, 8, 11 and 12. In addition, Mr. Ghuman has performed or been the principal reviewer for Phase I Environmental Site Assessments (completed in compliance with ASTM 1527 standards) on over 500 projects many of which have been for projects with lineal alignments – roadways, railroads, pipelines, and transmission lines. Mr. Ghuman is also familiar with the

requirements of the CAL EPA DTSC Lead Variance for the different Districts and ADL-investigations performed for freeway and other roadway projects.

Mr. Ghuman has managed, been involved in, or reviewed more than 300 projects in the following areas of waste management and environmental site assessment including over 12 RI/FS studies. Mr. Ghuman has managed or served as expert consultant on the subsurface contamination cleanup and assessment of over 12 operating and/or retired oil field and petroleum industry disposal areas. These areas required characterization of sump materials, evaluation of hazardous properties, decommissioning of storage tanks (above- and underground), well blowout studies, well closure, subsurface methane hazards and its migration and preparation of mitigation design, remediation design and construction oversight.

Mr. Ghuman has served as an expert on Phase I environmental assessment evaluations and has support client cases in litigation. He has been deposed in support of client projects and has provided court rooms testimony for cases that have gone to trial.

Most recently, Mr. Ghuman has provided environment assessment support for the construction of two new pump stations at Pier S in Long Beach. Also, he is project engineer on several US Army Corps of Engineers remediation and assessment projects.

Mr. Ghuman's recent experience is as follows:

**Geo-environmental Investigations and Environmental Support during Construction, Busways Project, Los Angeles.** *Principal and Review Engineer:* Assessment of environmental concerns along the Busways alignment and health and safety support to Contractor, C.C. Myers, during construction.

**Initial Site Assessment for CALTRANS on- and off-ramps relating to the LA Metromall project.** *Principal Investigator.* Conduct investigations and prepare reports for on- and off-ramps to the LA Metromall project in Torrance, California. This included the planning for the Avalon Bridge across the 405 Freeway.

**Environmental Assessment along Freeway 105 (Century Freeway)** *Principal:* Managed on-call services contract for environmental services. This included the completion of several investigation reports and the preparation of plan documents for environmental conditions along the freeway alignment.

**Environmental Assessment for the Eastside LRT US 101 Underpass – Union Station to Alameda Street** *Principal* Assessment of environmental conditions along the alignment in conjunction with geotechnical investigation of the bridge across the freeway. This investigation included the assessment for aurally deposited lead along a stretch of the bridge.

**Initial Site Assessment for SR-57 Operations Enhancement Study in Orange County, California** *Principal* Complete the ISA for improvements along the 57 freeway between Katella Avenue and Lincoln Avenue.

**Initial Site Assessment for Freeway 405 overcrossing of Macarthur Boulevard in Orange County, California** *Principal* Complete the ISA for the Centerline project and the I-405 over crossing near the current roadway bridge.

**Initial Site Assessment for Reyes Adobe Road Improvements at the intersection of Reyes Adobe Road and US-101. in Los Angeles County, California** *Principal* Complete the ISA for improvements at the intersection that included detailed review of 3 gas stations and possible acquisition of new ROW.

**Initial Site Assessment for Improvements at 4 Segments of US-101 Corridor Improvements in Los Angeles County, California** *Principal* Complete the ISA for improvements at the corridor over 15 miles of freeway route with possible acquisition of new ROW.

**Initial Site Assessment for C-Street and SR47 near I-110 in Los Angeles County, California** *Principal* Complete the ISA for improvements at the intersection that included detailed review of adjacent properties and possible acquisition of new ROW.

**Initial Site Assessment for John S. Gibson and I-110 Access Ramps Improvements Project in Los Angeles County, California** *Principal* Complete the ISA for improvements at the intersection and possible acquisition of new ROW.

**ADL Investigation for Fairview Road – I-405 Intersection in Orange County, California.** *Principal* Complete the ADL investigations in the area of the intersection on the basis of reviewed data.

APPENDIX G  
RESPONSES TO CALTRANS COMMENTS



Certified MBE

Geotechnical Engineering

Geology

Hydrogeology

Earthquake Engineering

Materials Testing &  
Inspection

Forensic Services

January 28, 2011

Parsons Transportation Group, Inc.  
2201 Dupont Dr # 200  
Irvine, CA 92612

Attention: Ryan Todaro

Subject: Response to Caltrans Comments dated January 6, 2011  
Supplemental ISA Report  
I-405 Improvement Project  
Between SR-55 Freeway and I-605 Freeway  
Orange and Los Angeles Counties, California  
Group Delta Project I-487  
EA# 12-OH-1000

Dear Ryan:

This letter presents our responses to Caltrans comments on our ISA report, dated November 11, 2010. Our report was revised on January 28, 2011 in accordance with comments and our responses presented below and submitted with this letter.

Caltrans comments followed by our responses are listed below:

1. Comment no. 1: Please apply this comment to all figures that contain partial or full take acquisitions. The scale of the figures should be one inch equals to one hundred feet or larger. We strongly suggest using 11"X17" sheets for such figures (this scale is not necessary for other figures).

**GDC Response 1:** All figures are presented on 11"X17" sheets in the revised report.

We believe that scale used on the plans shown in 11x17 sheets is detailed enough to show the locations of the proposed ROW acquisition properties.

2. Comment no. 2: Page 1, **Findings and Constructions**, for clarity, this section needs to be divided into three sub-sections. The first section should be called "Acquisition Properties" the second part needs to be titled "Non-Acquisition Properties". The third sub-section can be called "Other Site Concerns" that can cover the spill, asbestos and other related items.

**GDC Response 2:** Findings and Conclusions section was divided in three subsections and findings were grouped accordingly, as suggested.

3. Comment no. 3: Page 1, last bullet paragraph, as we commented for other projects in the past, there is not enough justification on your assessment for the existence of herbicides due to the Caltrans landscape maintenance program. You may need to verify with Caltrans Landscape Maintenance for practices and types of chemicals used in order to justify your assessment.



**GDC Response 3:** Based on discussion we had in December 2010 pertaining to the ISA report for the Caltrans project EA #0K020K, we were informed by Caltrans that herbicide use by Caltrans landscaping maintenance crew has been phased out over the last 10 -15 years. In addition, we were informed that based on your experience testing for herbicides on numerous previous Caltrans projects did not reveal herbicide levels above the actionable limits. Based on this information we agree that it is unlikely that herbicides may be found in the soil of the unpaved freeway shoulder area and therefore, this requirement was omitted from the report.

4. Comment no. 4: Page 2, the paragraph before the last bullet par., establish the most conservative acquisition scenario and revise the ISA accordingly. With this approach you do not have to wait for the ROW acquisition to be completed. Additionally, with the above approach you will be able to conduct Site Specific ISA if you feel it is necessary. At any rate, the ISA report should make a conclusive recommendation for each site.

**GDC Response 4:** Database search was performed for the most conservative ROW acquisition alternative-Alternative 3. We revised the report by assuming that Alternative 3 ROW acquisition list would not be expanded at later stages of the project, and included recommendations for testing during next stages of the project as suggested.

5. Comment no. 5: Page 2, last bullet paragraph, if there is a need for ACM or LBP studies please indicate that this process should be done during the PA&ED stage.

**GDC Response 5:** Agreed. Please see response no. 4. ACM and LBP testing was recommended to be done during PA&ED Phase.

6. Comment no. 6: Page 2, last bullet paragraph, report has recommended that four out of the eight potential acquisition properties should be investigated further once the ROW acquisition list is finalized. If there is a need for any further site specific investigation or subsurface Site Investigation, this investigation should be performed at the very early stage of the project, PA & ED. The subsurface SI might be conducted during the PS & E stage. As a result, if report recommends for any further investigation (also, please note comment #4), please explain at what stage this investigation should be performed. Please observe this procedure throughout the entire report.

**GDC Response 6:** Acknowledged. Please see response no. 4.

7. Comment no. 7: Page 3, first bullet paragraph, what is the indication that groundwater is contaminated? If based on the ISA assessment there is a need to analyze the ground water, the ISA should recommend that this process should be undertaken at the PA&ED stage.

**GDC Response 7:** Reason for groundwater testing was included in the Recommendations section, and testing during PA&ED is recommended.

8. Comment no. 8: Page 12, **ROW Acquisition Properties**, the way that data was presented in this section is confusing, because Table 2 has covered the acquisition and non-acquisition properties without pointing out which properties are the additional ones as part of Alternative 3. We suggest in addition to Table 2, another Table is generated. Then, List the Database Summary Review for acquisition properties in Table 2. The rest of the properties

should be listed in the newly generated Table. In both Tables add one column and under this column state that whether the property is a potential REC or not. Keep a similar column in Table 1 as it covers all the potential acquisition properties. Then, in Table 1 add two more columns, in the first one, list the related proposed project alternatives; in the second one, include the related Figure 8 page #s. Also, in all Tables, just cross reference the properties' numbers with the ones in Figure 8.

**GDC Response 8:** At your request we presented potential ROW acquisition REC properties in Table 2a and non acquisition properties in Table 2b. Only the REC properties are shown in Tables 2a and 2b, therefore the column for REC was omitted. We added columns for Alternatives and Figure 8 in both tables.

9. Comment no. 9: Pg 12, list of eight REC ROW acquisition properties, include the site # for each of these properties.

**GDC Response 9:** The site number for each one was added to the list.

10. Comment no. 10: Table 1, first column, change Impact ID to Site ID. Also, incorporate this correction into Figure 8. There are few sites listed without any related information, please clarify. In addition to the note for the eight acquisition properties under Potential REC (last column), add see Table 2 for the site status.

**GDC Response 10:** Impact ID refers to the properties that may be impacted by acquisition and is taken from the Potential Acquisition plans used to prepare Figure 8, provided by the Prime, Parsons. We are requesting that this label not be changed as the plans used could be a template and the label may be referenced in other project documents. Information for several sites labeled as N/A was not available at this time. We added a note to the second paragraph of Section 4.1 to clarify this. As requested, we added note "See Table 2a for the site status" to all ROW acquisition REC properties shown in Table 1.

11. Comment no. 11: Page 32, **Record Review Findings**, instead of referring to the Database Review Summary Table, just state Table 2 (or the newly generated Table). Also, it was noted that even the Record Review was conducted for the eight REC properties, they are not covered in this section. Please follow the instruction in comment #2 to clearly address the status of subject properties.

**GDC Response 11:** We revised the Database Review Summary Table to Tables 2a and 2b. First paragraph of the Section 5.3 states that the results of the record review, and list of the REC properties summarized in Database Review Summary Table. Therefore, record review summary of potential REC properties was already presented in the former Table 2, and is presented in the new Tables 2a and 2b of the revised report. We added a note in the second paragraph of the Section 5.3 to clarify this. Record review findings section was revised in accordance with your comment no. 2 and divided in ROW Acquisition properties, Non-acquisition properties, and Other site concerns.

12. Comment no. 12: Page 33, first bullet paragraph, please follow comment #6 above.

**GDC Response 12.** Please see GDC response no. 11 above.



13. Comment no. 13: Page 33, Table 3 is a typo, change it to Table 1.

**GDC Response 13:** We revised Table 3 to Table 2a and included it in the new Potential ROW Acquisition properties portion of the Record Review Findings section (Section 5.3)

14. Comment no. 14: Table 2, last column, change ISA Status to Site Status. Also, the address for Chevron #9 is stated as 5992, but in the text is shown as 5922, which one is correct?

**GDC Response 14:** We revised the newly made Tables 2a and 2b last columns from "ISA status" to "Site status". We revised the text to reflect the correct address for Chevron#9-5992 Westminster Boulevard, Westminster, CA.

15. Comment no. 15: Page 57, first bullet paragraph, see comment #3 on herbicides.

**GDC Response 15:** Comment regarding herbicides was removed from the report in accordance with our previous discussions.

16. Comment no. 16: Page 60, **Findings and Opinions**, Please follow the instruction in comment # 2 to clearly address the findings and opinions.

**GDC Response 16:** Findings and Opinions section was revised in accordance with comment #2.

17. Comment no. 17: Page 62, see comment #3 on herbicides.

**GDC Response 17:** Comment regarding herbicides was removed from the report in accordance with our previous discussions.

18. Comment no. 18: The "Recommendations" section should also be placed after the Findings and Opinions.

**GDC Response 18:** We included Recommendations as a new Section 11.0.

19. Comment no. 19: Please revise the report and resubmit it for our review by February 15, 2011.

**GDC Response 19:** Report was revised and submitted with these responses to comments on January 28, 2011.

Prepared by  
Group Delta Consultants, Inc.

Vesna Glisic Petrilla, P.E.

